

DERWENT-ACC-NO: 1981-H5308D

DERWENT-WEEK: 198133

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TITLE: Ribbon transporter mechanism
tensioner - has loop-type
spring in frictional contact with
enclosed spool hub

INVENTOR: HANENKAMP, H

PATENT-ASSIGNEE: OLYMPIA WERKE AG[OLYW]

PRIORITY-DATA: 1980DE-3003890 (February 2, 1980)

PATENT-FAMILY:

| PUB-NO | PAGES | PUB-DATE | MAIN-IPC |
|--------------|-------|--------------------|----------|
| DE 3003890 A | | August 6, 1981 | N/A |
| 009 | N/A | | |
| DE 3003890 C | | September 16, 1982 | N/A |
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INT-CL (IPC): B41J033/12, B41J035/08

ABSTRACTED-PUB-NO: DE 3003890A

BASIC-ABSTRACT:

The belt transporter mechanism tensioner is particularly for a typewriter eraser ribbon. It has a spring acting via a friction brake on a storage spool turning about a fixed axis, so as to exert a force opposing that indexing the ribbon from the spool.

The loop-type spring encloses and is in friction contact with a hub supporting the spool (9), which pulls it as it turns until the free end (27) of its arm (37) encounters a stop (39) fixed to the frame. A further spring (29), under

Einhängung

tension, extends between the other end (25) of the first spring and the anchor point (33) in the mounting (1), and is placed under further tension as the ribbon is pulled off, exerting in the process a torque in the opposite direction so as to keep the ribbon taut (11).

ABSTRACTED-PUB-NO: DE 3003890C

EQUIVALENT-ABSTRACTS:

The belt transporter mechanism tensioner is particularly for a typewriter eraser ribbon. It has a spring acting via a friction brake on a storage spool turning about a fixed axis, so as to exert a force opposing that indexing the ribbon from the spool.

The loop-type spring encloses and is in friction contact with a hub supporting the spool (9), which pulls it as it turns until the free end (27) of its arm (37) encounters a stop (39) fixed to the frame. A further spring (29), under tension, extends between the other end (25) of the first spring and the anchor point (33) in the mounting (1), and is placed under further tension as the ribbon is pulled off, exerting in the process a torque in the opposite direction so as to keep the ribbon taut (11).

CHOSEN-DRAWING: Dwg.1 Dwg.1

TITLE-TERMS: RIBBON TRANSPORT MECHANISM TENSION LOOP TYPE
SPRING FRICTION

CONTACT ENCLOSE SPOOL HUB

DERWENT-CLASS: P75